## MISCELLANEOUS PAPERS

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# List of the Butterflies of Mardin Province (South East Turkey)

(Lepidoptera, Papilionoidea, Hesperioidea)

by

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**Abstract:** List of the butterflies of Mardin Province (South East Turkey) (*Lepidoptera*, *Papilionoidea*, *Hesperioidea*). Cent. ent. Stud., Misc. Pap. 96: 1-7.

This paper deals with the synonymic list of the butterflies recorded in the Province Mardin so far. Totally, 81 species are listed. Original references, and information on provincial distributions are given to each species. Besides, larval foodplants are also mentioned for some species.

Key words: Papilionoidea, Hesperioidea, Lepidoptera, Mardin, Turkey, fauna, list, foodplants.

Within the frame of the studies on the Lepidoptera of Turkey, carried out by the authors, list of the butterflies of the Province of Mardin has been prepared, by using the information of databank of the CESA. Totally 81 species are reported with the information of the synonymous specific names, authors, date of publications, original references to each species. To each species, provincial distributional information are added. For this purpose, standard codes of the Turkish provinces are used. Separately, information on the larval food plants are also attached to certain species. The nomenclaturally unavailable names are marked with the symbol "#". Mardin Lepidoptera fauna has been planned to study by the authors in 2006, as a project of CESA.

#### PAPILIONOIDEA PAPILIONIDAE

- 1. Archon apollinaris (Staudinger,[1892]) Synonyms: apollinaris Staudinger,[1892]; pallidior Spuler,1892; #mardina Stichel,1907; bostanchii De Freina & Naderi,2003. Original Reference: Doritis apollinus var. apollinaris Staudinger,[1892], Dt. ent. Z., Iris 4: 225. Syntypes: [Türkei]: nordöstlichen Kleinasien: Goman Otti, 1500m. Provincial Distribution in Turkey: 21 23 30 47 49 56 62 65 73. Foodplant of Larva: Aristolochia bottae (Koçak, in litt).
- 2. Papilio (s.str. (Alexanoria)) alexanor Esper,[1800] Synonyms: polidamas De Prunner,1787 nec Linnaeus,1758; alexanor Esper,[1800]; polychaon Loche,1801; destelensis Nel & Chauliac,1983. Original Reference: Papilio alexanor Esper,[1800], Die Schmett., Suppl. I,1: 89, Taf.110 fig.1 (nom. nov. pro Papilio polydamas De Prunner,1798) Type(s): "Nice en Provence" (ex De Prunner,1798: 69). Provincial Distribution in Turkey: 01 02 03 05 06 07 08 10 16 17 25 30 31 33 35 36 42 43 44 45 46 47 48 52 58 60 62 65 69 70 71 73 74 76. Foodplants of Larva: Opopanax chironium, O. hispidus, Seseli montanum, Trinia glauca, Pimpinella saxifraga, Scaligeria cretic, Ferula communis, Pastinaca sativa (Tolman,1997).
- 3. Papilio (s.str.) machaon Linnaeus,1758 Synonyms: machaon Linnaeus,1758; reginae Retzius,1783; umbellatarum Fabricius,1807; aurantiaca Speyer,1858. Original Reference: Papilio machaon Linnaeus,1758, Syst. Nat. (Ed 10)1: 462. Type(s): Europe. Provincial Distribution in Turkey: 01 02 03 05 06 07 08 09 10 11 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 29 30 31 32 33 34 35 36 37 38 40 42 43 44 45 46 47 48 50 51 56 58 59 60 62 63 65 66 68 69 70 71 73 74 76 77 80. Foodplants of Larva: Foeniculum vulgare, Peucedanum palustre, P.cervaria, P.oreoselinum, P.officinale, Trinia glauca, Laserpitium halleri,L.latifolium, Angelica sylvestris, A.archangelica, Aegopodium podagraria, Anethum graveolens, Pimpinella saxifraga, Carum carvi, etc.
- 4. Zerynthia (Allancastria) deyrollei (Oberthür,1869) Synonyms: deyrollei Oberthür,1869; eisneri Bernardi,1970; lycaoniae Eisner & Wagener,1974; #flavomaculata Verity,1905; #ochracea Verity,1905; #obscurior Verity,1905; #subflava Schultz,1908; #deflexa Schultz,1908; #charis Schultz,1908; #separata Sheljuzhko,1927. Original Reference: Thais deyrollei Oberthür,1869, Pet. Nouv. Ent. (2):7. Syntypes: [Turquie]: Alpes-Pontiques [Gümüşhane]. Provincial Distribution in Turkey: 01 02 03 05 06 07 12 13 14 15 18 19 21 23 24 25 26 27 28 29 30 31 32 33 37 38 42 43 44 46 47 49 50 51 58 60 62 63 64 65 66 68 70 71 73. Foodplants of Larva: Aristolochia bodamae, A. maurorum (Koçak, in litt.).

#### **PIERIDAE**

5. Anthocharis cardamines (Linnaeus,1758) Synonyms: cardamines Linnaeus,1758; hesperides Newman,1894; britannica Verity,1908; meridionalis Verity,1908 nec Lederer,1852; montivaga Turati & Verity,1911. Original Reference: Papilio cardamines Linnaeus,1758, Syst. Nat. (Edn.10)1: 468. Type(s):[Europe]. Provincial Distribution in Turkey: 01 03 04 05

- $06\ 07\ 08\ 09\ 10\ 13\ 14\ 15\ 16\ 17\ 18\ 20\ 21\ 23\ 24\ 25\ 27\ 28\ 29\ 30\ 31\ 32\ 33\ 34\ 35\ 36\ 37\ 41\ 42\ 43\ 44\ 45\ 46\ 47\ 48\ 51\ 52\ 53\ 55\ 56\ 58\ 60\ 61\ 62\ 65\ 66\ 70\ 71\ 73\ 74\ 75\ 76\ 78.$  Foodplants of Larva: Cardamines pratensis, Alliaria petiolata, Arabis turrita, Lunaria annua, Biscutella mollis, Hesperis lacinata (Tolman, 1997).
- 6. Anthocharis gruneri Herrich-Schäffer,[1851] Synonyms: gruneri Herrich-Schäffer,[1851]; #diluta Röber,1907; eros Röber,1907. Original Reference: Anthocharis grüneri Herrich-Schäffer,[1851], Syst. Bearb. Schmett. Eur.6: 20; ibid. 1: pl.115, figs. 551-554 [uninominal]. Syntypes: ? Creta [Kleinasien]. Provincial Distribution in Turkey: 01 02 03 04 05 06 07 12 13 21 24 25 27 29 30 31 32 33 35 36 38 42 43 44 45 46 47 50 51 58 60 62 65 66 70 71 73 76. Foodplants of Larva: Sisymbrium bilobum, Microthlaspi umbellatum; Aethionema saxatile, A. orbiculatum (Effendi, 1984; Back, 1984,1985; Tolman,1997).
- 7. Aporia (s.str.) crataegi (Linnaeus,1758) Synonyms: crataegi Linnaeus,1758; nigronervosus Retzius,1783; minor Verity,1907; basanius Fruhstorfer,1910; crataegiaugusta Verity,1937. Original Reference: Papilio crataegi Linnaeus,1758, Syst. Nat. (Edn.10) 1: 467. Type(s): [Europe]. Provincial Distribution in Turkey: 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 46 47 48 49 50 51 53 54 55 56 58 60 61 62 63 65 66 69 70 71 72 73 74 76 78 80 81. Foodplants of Larva: Prunus spinosa, P. domestica, P. avium, P. persica, P. armeniaca, P. amygdalus, P. mahaleb, P. padus, Crataegus monogyna, C. pycnoloba, C. laciniata, C. sanguinea, Pyrus communis, Malus domestica, Sorbus aucuparia (Anikin,1993; Tolman,1997).
- 8. Colias (Eriocolias) crocea (Fourcroy,1785) Synonyms: crocea Fourcroy,1785; pyrenaica Groum-Grshimailo,1893.
  Original Reference: Papilio croceus Fourcroy,1785, Entomologia Parisiensis: 250. Type(s): [France]: Paris. Provincial Distribution in Turkey: 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 65 66 68 69 70 71 72 73 74 76 77 78 79 80 81. Foodplants of Larva: Medicago sativa, M. lupulina, M. polymorpha, M. lappaea, M. hispida, M. sulcata, Trifolium pratense, Onobrychis viciifolia, Lotus, Coronilla, Melilotus, Hippocrepis, Astragalus, Astracanthus, Vicia, Colutea, Anthyllis, Erophaca, Acanthyllis, etc.
- 9. Gonepteryx (s.str.) farinosa (Zeller,1847) Synonym: farinosa Zeller,1847. Original Reference: Rhodocera farinosa Zeller,1847, Isis 1847(1): 5. Type Ô: [Turkey]: Makri [=Fethiye]. Provincial Distribution in Turkey: 01 02 03 05 06 07 08 10 11 13 14 16 17 19 20 21 24 25 26 27 29 30 31 32 33 34 35 36 38 41 42 43 44 46 47 48 50 51 56 58 60 62 65 66 67 68 69 70 71 73 76 80. Foodplants of Larva: Rhamnus alpinus fallax, R. sibthorpianus, R. lycioides graecus, Paliurus spinachristi, Zizyphus (Nekrutenko,1990; Tolman,1997).
- 10. Gonepteryx (s.str.) rhamni (Linnaeus,1758) Synonyms: rhamni Linnaeus,1758; gravesi Huggins,1956. Original Reference: Papilio rhamni Linnaeus,1758, Syst. Nat. (Edn.10) 1: 470. Syntypes: Europe, Africa. Provincial Distribution in Turkey: 01 03 04 05 06 07 08 11 13 14 15 16 17 18 19 24 25 26 30 31 32 33 34 35 36 38 39 42 43 44 46 47 48 49 50 51 52 55 60 62 65 66 67 69 71 73 75 76 81. Foodplants of Larva: Frangula alnus, Rhamnus catharticus, R. alaternus, R. alpinus (?) alpinus, R. a. fallax, R. myrtifolia, R. oleoides (Linnaeus,1758; Tolman, 1997).
- 11. *Pieris (Artogeia) ergane* (Geyer,[1828]) Synonyms: *ergane* Geyer,[1828]; *narcaea* Freyer,[1828]. Original Reference: *Papilio ergane* Geyer,[1828], [in] Hübner, Samml. eur. Schmett. 1: Taf. 184 figs. 904-907. Syntypes: [Croatia]: Ragusa (Dubrovnik) (cf. Hemming, 1937, I:220). Provincial Distribution in Turkey: 01 02 03 04 05 06 07 08 12 13 14 15 16 18 21 23 24 25 26 28 29 30 31 32 33 36 38 42 43 44 46 47 49 50 51 52 56 58 60 62 63 65 66 69 71 73 74 76. Foodplants of Larva: *Aethionema saxatile, A. orbiculatum, Isatis tinctoria* (Tolman,1997).
- 12. *Pieris (Artogeia) mannii* (Mayer,1851) Synonyms: mannii Mayer,1851; manni Verity,1908; alpigena Verity,1911; roberti Eitschberger & Steiniger,1973. Original Reference: Pon[tia] mannii Mayer,1851, Stettin ent. Ztg. 12:151. Type: [Croatia]: Spaloto. Provincial Distribution in Turkey: 01 02 03 06 07 08 11 14 17 18 21 23 24 25 26 28 29 30 31 32 33 34 35 36 37 38 39 42 43 45 46 47 48 49 50 51 53 61 62 65 67 69 74 76 78 80. Foodplants of Larva: Iberis sempervirens, I. saxatilis (Tolman,1997).
- 13. *Pieris (Artogeia) pseudorapae* Verity,1908 Synonyms: pseudorapae Verity,1908. Original Reference: Pieris napi var. pseudorapae Verity,[1908], Rhopalocera palaearctica: 144, pl. 32, 33, figs. Lectotype: [Lebanon]: Beyrouth (Bowden & Riley,1967). Provincial Distribution in Turkey: 01 03 04 05 06 07 08 10 11 12 13 14 16 17 18 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 41 42 43 44 45 46 47 48 49 50 51 52 53 54 56 58 59 60 61 62 63 65 66 67 68 71 73 74 75 76 77 78 80 81.
- 14. *Pieris (Artogeia) rapae* (Linnaeus,1758) Synonyms: rapae Linnaeus,1758; nelo Bergsträßer,1780; metra Stephens,1827; alpica Rossi,1929. Original Reference: Papilio rapae Linnaeus,1758, Syst. Nat. (Edn.10)1: 468. Type(s): [Sweden (Verity,1947)]. Provincial Distribution in Turkey: 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 58 59 60 61 62 63 64 65 66 68 69 70 71 73 74 76 77 78 79 80. Foodplants of Larva: Rapa, Capparis spinosa, Atriplex (Tolman,1997).
- 15. *Pontia edusa* (Fabricius,1777) Synonyms: edusa Fabricius,1777; bellidice Ochsenheimer,1808; persica Bienert,1869; #nitida Verity,[1908]. Original Reference: Papilio edusa Fabricius,1777, Genera Insectorum: 255. Type(s): [Deutschland]: Chilonii. Provincial Distribution in Turkey: 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 38 39 40 41 42 43 44 46 47 48 49 50 51 52 53 54 55 56 58 59 60 61 62 63 65 66 67 68 69 70 71 73 74 76 77 79 80 81. Foodplants of Larva: Reseda alba, R. lutea, R. luteola, Descurainia sophia, Diplotaxis, Thlaspi, Teesdalia nudicaulis, Turritis, Lepidium sp., Isatis tinctoria (Lavroff, 1927; Falkovitsh, 1969; Tolman, 1997).

#### ARGYNNIDAE (=Nymphalidae)

- 16. Argynnis (Fabriciana) niobe (Linnaeus,1758) Synonym: niobe Linnaeus,1758. Original Reference: Papilio niobe Linnaeus,1758, Syst. Nat. (Edn.10) 1: 481. Type(s): [Sweden (Verity,1950)]. Provincial Distribution in Turkey: 01 03 04 05 06 07 08 11 12 13 14 15 16 18 23 24 25 27 29 30 31 32 33 35 36 38 39 42 43 44 46 47 48 49 50 51 53 56 58 60 61 62 65 66 9 71 70 73 74 76 80. Foodplants of Larva: Viola canina, V. odorata, V. hirta, V. palustris (Tolman, 1997).
- Argynnis (Pandoriana) pandora ([Denis & Schiffermüller],1775) Synonyms: pandora [Denis & Schiffermüller],1775; maja Cramer,1775 nec Fabricius,1775; cynara Fabricius,1777; cyrnea Schwerda,1926; transcaucasica Moucha ,1967; deserticola Gross & Ebert,1975. Original Reference: Papilio pandora [Denis & Schiffermüller],1775, Ankündung syst. Werkes Schmett. Wienergegend: 176. Type(s): Austria: Vienna district. Provincial Distribution in Turkey: 01 02 03 04 05

- 06 07 08 10 11 12 13 14 15 16 17 18 20 21 22 23 24 25 26 27 29 30 31 32 33 34 35 36 37 38 39 40 42 43 44 46 47 48 49 50 51 52 53 55 56 58 60 61 62 63 65 66 67 69 70 71 72 73 74 76 77 78 80 81. Foodplants of Larva: Viola spp., V. cheiranthifolia (Tolman, 1997).
- 18. *Cynthia cardui* (Linnaeus,1758) Synonyms: cardui Linnaeus,1758; carduelis Cramer,1775; elymi Rambur,1829; kershawi McCoy,1868; pallida Schoyen,1881; universa Verity,1919; takesakiana Kato,1925. Original Reference: Papilio cardui Linnaeus,1758, Syst. Nat. (Edn.10) 1: 475. Syntypes: Europa, Africa [Sweden (Verity,1950)]. Provincial Distribution in Turkey: 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 65 66 67 68 69 70 71 72 73 74 76 78 80 81 Foodplants of Larva: Cirsium, Carduus, Echium, Malva sylvestris, M. parviflora, Glycine max, Achillea (Kumakov & Korshunov, 1979; Tolman, 1997).
- 19. Melitaea (Didymaeformis) didyma (Esper,[1779]) Synonyms: didyma Esper,[1779]; armoricana Oberthür, 1909. Original Reference: Papilio didyma Esper,[1779], Die Schmett. 1: 365. Type(s): [Germany]: Bavaria: Uffenheim. Provincial Distribution in Turkey: 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 46 47 48 49 50 51 53 54 55 58 60 61 62 63 64 65 66 67 68 69 70 71 73 74 76 78 80. Foodplants of Larva: Linaria vulgaris, L. peloponnesiaca, L. alpina, Antirrhinum brevifolium, Misopates orontium, Plantago subulata, P.amplexicaulis, P.bellardi deflexa, P.lanceolata, P.major, Veronica teucrium, V.chamaedrys, Digitalis grandiflora, D.purpurea,
- 20. Melitaea (Didymaeformis) fascelis (Fabricius,1787) Synonyms: #trivia Denis & Schiffermüller,1775; iphigenia Esper,1782 hom.; #fascelis Esper,1783 uninominal; fascelis Fabricius,1787; cleo Latreille,1803. Original Reference: Papilio fascelis Fabricius,1787, Mant. Ins. 2: 58-59, nr.570. Syntypes: [Russia]: Russia australiori. Provincial Distribution in Turkey: 01 02 03 05 06 07 08 09 10 11 12 13 15 16 17 18 19 20 22 23 25 27 29 30 31 32 33 34 35 36 37 38 39 41 42 43 44 45 47 48 49 50 51 55 56 57 58 59 60 62 63 65 66 69 70 71 73 76 77 80 81. Foodplants of Larva: Verbascum thapsus, V. densifolium, V. longifolium, V. speciosum, V. delpicum, Eremostachys, Scrophularia (Tolman, 1997; Tusov & Churkin 2000)
- 21. *Melitaea (Didymaeformis) persea* Kollar,[1849] Synonyms: persea Kollar,[1849]; caucasica Stgr.,1861; magnacasta Verity,1929, araratica Verity,1929; sargon Hemming,1932; tauricus Belter,1934; caucasicola Bryk,1940; hafiz Higgins,1941, gina Higgins,1941; darius Gross & Ebert,1975, pfeifferi Gross & Ebert,1975, wernickei Gross & Ebert,1975, elbursicola Gross & Ebert,1975, safawides Gross & Ebert,1975. Original Reference: Melitaea persea Kollar,[1849], Denkschr. Akad. Wiss. Wien 1: 52. Type(s): [Iran]: Persia [Shiraz]. Provincial Distribution in Turkey: 02 13 21 23 24 25 27 30 36 44 46 47 49 56 62 63 65 72 73 75. Foodplants of Larva: Scrophularia (Tusov & Churkin,2000).
- 22. *Melitaea (s.str.) arduinna* (Fabricius,1787) Synonyms: arduinna Fabricius,1787; rhodopensis Freyer,[1836]; uralensis Eversmann,1844. Original Reference: Papilio arduinna Fabricius,1787, Mant. Ins. 2: 60, nr.577. Type(s): [Russia]: Russia australiori. Provincial Distribution in Turkey: 01 02 05 07 10 13 21 24 25 27 30 31 32 36 42 43 44 46 47 49 56 65 72 73 80. Foodplants of Larva: Centaurea behen (Wiltshire; Kemal & Koçak, in litt.); Centaurea (?) graeca (Tolman, 1997).
- 23. Melitaea (s.str.) cinxia (Linnaeus,1758) Synonyms: cinxia Linnaeus,1758; abacus Retzius,1783; fulla Quensel,1791.

  Original Reference: Papilio cinxia Linnaeus,1758, Syst. Nat. (Edn.10) 1: 480. Type(s): [Sweden (Verity,1950)].

  Provincial Distribution in Turkey: 01 02 03 04 05 06 07 08 12 13 14 16 17 18 20 21 23 24 25 26 27 28 29 30 31 32 33 34 36 37 38 39 41 42 43 44 46 47 48 49 50 51 52 55 56 58 60 61 62 65 66 69 70 71 73 74 76 80. Foodplants of Larva: Plantago lanceolata, P. subulata, P. bellardii deflexa, P. argentea, P. cynops, P. major, P. media, Veronica teucrium, Viola, Centaurea pullata, C. (?) graeca, Scorzonera pygmaea, Hieracium (Higgins & Riley,1970; Tolman, 1997).
- 24. Nymphalis polychloros (Linnaeus,1758) Synonyms: polychloros Linnaeus,1758; testudo Esper,1781; pyrrhomelaena Hübner,1824; pyromelas Freyer,1834; fervida Standfuss,1896. Original Reference: Papilio polychloros Linnaeus,1758, Syst. Nat. (Edn.10) 1: 477. Type(s): [Sweden (Verity,1950)]. Provincial Distribution in Turkey: 01 03 05 06 07 08 09 10 11 13 14 16 17 18 19 20 21 22 23 25 26 30 31 32 33 34 35 36 40 41 42 43 44 45 46 47 48 50 51 52 56 58 60 62 65 71 73. Foodplants of Larva: Ulmus procera, U. glabra, U. campestris, U. americana, Salix caprea, S. alba, S. pedicellata, S. viminalis, Prunus avium, P. domestica, Prunus padus, Pyrus communis, Malus domestica, Populus tremula, P. nigra, P. alba, Sorbus tormilis etc..
- 25. *Polygonia (Comma) egea* (Cramer,[1775]) Synonyms: egea Cramer,[1775] (junior homonym); vaualbum Esper,1780; lalbum Esper,1789; triangulum Fabricius,1793; autumnalis Stefanelli,1873; #balucha Evans,1932; #pallida Evans,1932. Original Reference: Papilio egea Cramer,[1775], Uitl. Kapellen 1: 124; Pl. 78 figs.C,D. Syntypes: [Turkey]: [Istanbul]: Constantinopel; [İzmir]: Smyrna (nec Papilio egaea Fabricius,1775); cf. ICZN Art. 58, Opinion 516. Provincial Distribution in Turkey: 01 02 04 05 06 07 08 09 13 14 16 17 20 21 23 24 25 26 27 29 30 32 33 34 35 36 37 38 41 42 43 44 45 46 47 48 49 50 51 53 58 60 62 63 65 66 68 71 72 73 76 78. Foodplant of Larva: Parietaria officinalis (Tolman,1997).
- 26. *Thaleropis ionia* (Eversmann,1851) Synonyms: *ionia* Eversmann,1851; *ammonia* Herrich-Schäffer,1851. Original Reference: *Vanessa ionia* Eversmann,1851, [in] Fischer de Waldheim & Eversmann, Entomographia Imp. ross. 5: 111, pl.13, figs.1,2. Lectotype  $\hat{\bigcirc}$ : [Turkey]: Amasia (Nekrutenko,1995 [in] Hesselbarth et al., Die Tagfalter der Türkei: 970). Provincial Distribution in Turkey: 03 05 06 07 08 13 21 23 24 25 28 30 32 33 42 44 47 48 58 60 62 65 73. Foodplants of Larva: *Celtis glabrata*, *Salix* (in Armenia) (Tolman,1997).

#### **SATYRIDAE**

- 27. Brintesia circe (Fabricius,1775) Synonyms: circe Fabricius,1775; proserpina Denis & Schiffermüller,1775; maga Fruhstorfer,1909; venefica Fruhstorfer,1909; gabalae Gaillard,1959; maladettae Varin,1962. Original Reference: Papilio circe Fabricius,1775, Sys. Ent.: 495, nr.116. Syntypes: Europa. Provincial Distribution in Turkey: 01 03 05 06 07 08 10 11 13 15 16 17 18 20 21 22 24 25 27 29 30 31 32 33 34 35 36 37 39 42 43 45 46 47 48 51 53 56 58 60 62 64 67 70 71 72 73 76. Foodplants of Larva: Festuca ovina, Bromus erectus, Anthoxanthum odoratum (Koçak, in litt.; Tolman,1997).
- 28. *Chazara (Neochazara) anthe* (Hoffmannsegg,1804) Synonyms: anthe Hoffmannsegg,1804; persephone Hübner,1805; anthe Ochsenheimer,1807. Original Reference: Papilio anthe Hoffmansegg, 1804, Mag. f. Insektenk. 5: 182. Syntypes: [Russia]: Südrussland. Provincial Distribution in Turkey:01 02 03 04 05 06 07 13 14 16 19 21 23 24 25 26 29 30 33 36 37 38 40 42 43 44 46 47 50 51 58 60 62 65 66 68 70 71 74 75 76 81.

- 29. *Chazara (s.str.) briseis* (Linnaeus,1764) Synonyms: briseis Linnaeus,1764; daedale Bergsträßer,1780; bataia Fruhstorfer,1909; interjecta Verity,1916; variabilis Varin,1958; pictonica Varin,1958. Original Reference: Papilio briseis Linnaeus,1764, Museum Ludovicae Ulricae: 276. Type(s): Germania. Provincial Distribution in Turkey: 01 02 03 04 05 06 07 08 10 11 12 13 14 15 16 17 18 19 20 21 23 24 25 26 27 29 30 31 32 33 34 35 36 37 38 40 42 43 44 46 47 48 49 50 51 53 55 56 58 60 62 63 64 65 66 68 69 70 71 73 74 76 80. Foodplants of Larva: Sesleria, Festuca, Stipa, Poa (Eckstein, 1913); Bromus erectus, Festuca ovina (Tolman, 1997).
- 30. Coenonympha pamphilus (Linnaeus,1758) Synonyms: pamphilus Linnaeus,1758; menalcas Poda,1761; nephele Hufnagel,1766; marginata Heyne,1894; orantia Fruhstorfer,1908; scota Verity,1911; infrarasa Verity,1926; juldusica Verity,1926; asiaemontium Verity,1926; euxina Verity,1926. Original Reference: Papilio pamphilus Linnaeus,1758, Syst. Nat. (Edn.10) 1: 472. Type(s): Suecia. Provincial Distribution in Turkey: 01 03 04 05 06 07 08 09 10 11 12 13 14 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 65 66 67 68 69 70 71 72 73 74 75 76 77 81. Foodplants of Larva: Festuca ovina, F. rubra, Poa annua, Anthoxanthum odoratum, Cynosurus cristatus, Dactylis glomerata, Nardus stricta (Tolman, 1997).
- 31. *Coenonympha saadi* (Kollar,[1849]) Synonyms: saadi Kollar,[1849]; iphias Eversmann,1851. Original Reference: Satyrus saadi Kollar,[1849], Denkschr. Akad. Wiss. Wien 1850: 11. Type(s): [Iran]: Farsistan, Schiraz (NHMW). Provincial Distribution in Turkey: 02 12 13 21 23 25 27 30 44 46 47 56 58 62 63 65 72 73.
- 32. *Hipparchia (Neohipparchia) parisatis* (Kollar,[1849]) Synonyms: parisatis Kollar,[1849]; macrophthalmus Eversmann,1851; malatinus Heyne,1894; ismail Gross & Ebert,1975; huochenensis Huang & Zhou,2000. Original Reference: Satyrus parisatis Kollar,[1849], Denkschr. Akad. wiss. Wien 1: 51. Lectotype ©: [Iran]: Pers[ia]: Shiraz (Kudrna, 1977:143). Provincial Distribution in Turkey: 04 08 12 13 21 23 24 25 30 31 36 44 46 47 56 58 62 63 65 73 76.
- 33. Hipparchia (Parahipparchia) pellucida (Stauder,1924) Synonyms: pellucida Stauder,1924; cotys Jachontov,1935; hesselbarthi Kudrna,1976. Original Reference: Satyrus semele ssp. pellucida Stauder,1924, Mitt. münch. ent. Ges. 14(1/5): 64-65. Lectotype  $\hat{\bigcirc}$ : [Azerbaidjan]: Terter [Mir-Baschir] (designated by Kudrna,1977: 92) (in BMHN). Provincial Distribution in Turkey: 01 02 05 08 12 13 14 21 23 24 25 27 29 30 31 33 35 36 37 44 46 47 51 55 60 61 63 65 66 72 73 74 75 76 80.
- 34. *Hipparchia (s.str.) syriaca* (Staudinger,1871) Synonyms: syriaca Staudinger,1871; attikana Fruhstorfer,1907; meschetica Jachontov,1915; tokatensis Gross,1959. Original Reference: Satyrus hermione var. syriaca Staudinger,1871, Cat. Lepid. Eur. Faunengeb. (2): 27. Lectotype  $\hat{\bigcirc}$ : [Lebanon]: Beirut (Kudrna, 1977:40). Provincial Distribution in Turkey: 01 03 05 06 07 08 09 10 11 12 13 14 15 16 17 19 20 21 22 23 24 25 26 27 29 30 31 32 33 34 35 36 37 38 39 42 43 44 46 47 48 51 55 58 60 62 64 65 66 68 71 72 73 74 75 76 77 80.
- 35. *Hyponephele (s.str. (Turaninephele)) wagneri* (Herrich-Schäffer,[1846]) Synonyms: wagneri Herrich-Schäffer,[1846]; schmidti O.Bang-Haas,1927. Original Reference: Epinephele wagneri Herrich-Schäffer,[1846], Syst. Bearb. Schmett. Eur. 1: Taf. 65, figs.311-313; ibid. 6, Nachtrag zu Bd.1: 16, [1851]. Type(s): [Türkei]: Südseite Ararat (=Ağrı Dağı). Provincial Distribution in Turkey: 01 02 07 12 13 21 23 24 27 30 33 44 47 50 56 58 62 63 65 73.
- 36. *Hyponephele (s.str.) lupina* (Costa,[1836]) Synonyms: lupina Costa,[1836]. Original Reference: Satyrus lupinus Costa,[1836], Fauna Regno di Napoli...[69], [311], pl.4 figs.3,4. Syntypes: Italia: Napoli: Otranto, Bosco di Guagnano.. Provincial Distribution in Turkey: 01 02 03 04 05 06 07 08 09 10 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 29 30 31 32 33 34 35 36 37 38 39 40 42 43 44 45 46 47 48 49 50 51 52 55 56 58 60 62 63 64 65 66 67 69 70 71 72 73 76 80.
- 37. *Hyponephele (s.str.) lycaon* (Rottemburg,1775) Synonyms: lycaon Rottemburg,1775; #lycaon Kuhn,1774; eudora Esper,1778; janirula Esper,1800. Original Reference: Papilio lycaon Rottemburg,1775, Naturforscher 6: 17. Type(s): Deutschland: Brandenburg. Provincial Distribution in Turkey: 01 02 03 04 07 08 09 11 12 13 14 15 16 20 21 23 24 25 26 27 29 30 32 33 35 36 38 42 43 44 46 47 48 49 50 51 56 60 62 63 65 70 73 75 76. Foodplants of Larva: Festuca ovina, F. rubra, Bromus erectus, Stipa pennata (Tolman, 1997).
- 38. *Kirinia (Melike) roxelana* (Cramer,[1777]) Synonym: roxelana Cramer,[1777]. Original Reference: Papilio roxelana Cramer,[1777], Uitl. Kapellen 2:101, pl.161, figs. C-F. Syntypes: [Türkei]:Constantinopel [=Istanbul], Smyrna [=Izmir]. Provincial Distribution in Turkey: 01 02 03 05 06 07 08 09 10 11 13 14 15 16 17 19 20 21 22 23 25 26 27 29 30 31 32 33 34 35 38 39 42 43 44 45 46 47 48 49 51 55 56 59 60 62 65 66 71 72 73.
- 39. Lasiommata maera (Linnaeus,1758) Synonyms: maera Linnaeus,1758; pandion Poda,1761; hiera Fab.,1777; maja Fuchs,1873; monotonia Schilde,1885; crimea Bang-Haas,1907; atabryris Fruhstorfer,1909. Original Reference: Papilio maera Linnaeus,1758, Syst. Nat. (Edn.10) 1: 473. Type(s): Suecia (vide Linnaeus,1746 Fauna Suecica (1): 238). Provincial Distribution in Turkey: 01 02 03 04 05 06 07 08 09 11 12 13 14 15 16 17 20 21 22 23 24 25 27 28 29 30 31 32 33 34 35 36 37 38 39 41 42 43 44 46 47 48 50 51 53 56 57 58 60 61 62 65 66 67 68 71 73 74 76 80. Foodplants of Larva: Festuca ovina, F. rubra, Holcus mollis, Luzula luzuloides, Agrostis capillaris, Hordeum murinum, Nardus stricta, Calamagrostis epigejos, C. arundinacea, C. varia, Glyceria fluitans, Deschampsia flexuosa (Tolman, 1997).
- 40. Lasiommata megera (Linnaeus,1767) Synonyms: megera Linnaeus,1767; caledonia Verity,1911; alticola Verity,1911; pseudoadrasta Stauder,1922; infrapallens Verity,1922; ocellatior Verity,1923; pallidedepulverata Verity,1923. Original Reference: Papilio megera Linnaeus,1767, Syst. Nat. (Edn.12) 1(2): 771, nr.142. Provincial Distribution in Turkey: 01 02 05 06 07 08 09 10 11 12 13 14 15 16 17 20 21 22 23 24 25 26 27 28 30 31 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 55 56 57 58 59 60 62 63 65 66 67 70 71 72 73 74 76 77 80. Foodplants of Larva: Dactylis glomerata, Agrostis tenuis, A. gigantea, A. capillaris, Deschampsia flexuosa, Holcus lanatus, Festuca ovina, Brachypodium sylvaticum, B. pinnatum (Tolman,1997).
- 41. *Maniola (Telmessiola) telmessia* (Zeller,1847) Synonyms: telmessia Zeller,1847; pallescens Butler,1868; kurdistana Heyne,1894; oreas Le Cerf,1912; maniolides Le Cerf,1912; ornata Turati & Fiori,1930; marenigrans Verity,1938; pelekasii Kattulas & Koutsaftikis,1978. Original Reference: Hipparchia telmessia Zeller,1847, Isis 1847: 4. Syntypes 20 4. [Türkei]: Makri [Fethiye]: [Greece]: Rhodus. Lectotype 0: Marmaris (designated by Olivier,1993) (in BMHN). Provincial Distribution in Turkey: 01 02 03 07 09 10 12 13 15 17 20 21 23 27 30 31 32 33 35 42 44 45 46 47 48 51 56 62 63 65 70 72 73 80.
- 42. *Maniola (s.str.) jurtina* (Linnaeus,1758) Synonyms: *jurtina* Linnaeus,1758; *janira* Linnaeus,1758; *lemur* Schrank,1801. Original Reference: *Papilio jurtina* Linnaeus,1758, Syst. Nat. (Edn.10) 1: 475. Syntypes: Europa, Africa; [Sweden

- (Verity,1953)]. Provincial Distribution in Turkey: 01 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 65 66 67 68 69 70 71 72 74 75 76 77 80 81. Foodplants of Larva: Poa pratensis, Lolium pratensis, Festuca rubra, F. arundinacea, Agrostis stolonifera, A. canina, Bromus erectus, Brachypodium pinnatum, Holcus lanatus, Avenula pubescens, Alopecurus pratensis Anthoxanthum odoratum (Tolman,1997).
- 43. *Melanargia (Turcargia) grumi* Standfuss,1892 <u>Synonym:</u> *grumi* Standfuss,1892. <u>Original Reference:</u> *Melanargia grumi* Standfuss,1892, [in] Romanoff, Mém. Lépid. 6: 661-664, pl.15 figs.2a-c. Syntypes: [Türkei]: Mardin. <u>Provincial</u> Distribution in Turkey: 02 13 21 23 30 47 56 63 72 73.
- 44. Pararge aegeria (Linnaeus,1758) Synonyms: aegeria Linnaeus,1758; meone Cramer,1782; egeria Ochsenheimer,1807; sardoa Verity,1908. Original Reference: Papilio aegeria Linnaeus,1758, Syst. Nat. (Edn.10) 1: 473. Syntypes: Europa, Mauritania. Provincial Distribution in Turkey: 01 05 06 07 08 09 11 13 14 15 16 17 18 20 21 25 27 28 29 30 31 32 33 34 35 38 41 42 44 46 47 48 52 53 55 60 61 67 73 74 77 81. Foodplants of Larva: Brachypodium sylvaticum, B. pinnatum, Holcus lanatus, Cynodon dactylon, Agrostis gigantea, Dactylis glomerata, Elymus repens (Tolman,1997).
- 45. *Pseudochazara (Achazara) telephassa* (Geyer,[1827]) Synonym: telephassa Geyer,[1827]. Original Reference: Eumenis telephassa Geyer,[1827], [in] Hübner, Samml. exot. Schmett. 2: Taf.[85] figs. 1-4. Type(s): unknown. Provincial Distribution in Turkey: 01 02 12 21 23 27 30 31 36 44 46 47 50 56 62 63 73 76.
- 46. *Pseudochazara (s.str.) pelopea* (Klug,1832) Synonym: pelopea Klug,1832. Original Reference: Hipparchia pelopea Klug,1832, [in] Ehrenberg, Symb. Phys. Ins. 3:pl.29, figs.5-8. Syntypes: "Monte Libano Syriae prope Arissam". Provincial Distribution in Turkey: 01 02 04 12 13 21 23 25 27 29 30 36 38 44 46 47 49 53 56 58 62 63 65 73 76.

#### **LYCAENIDAE**

- 47. Celastrina argiolus (Linnaeus,1758) Synonyms: argiolus Linnaeus,1758; cleobis Sulzer,1776; thersanon Bergsträßer,1779; argyphontes Bergsträßer,1779; argalus Bergsträßer,1779; marginatus Retzius,1783; acis Fabricius,1787 nec Dru.,[1773]; #parvipuncta Fuchs,1880; calidogenita Verity,1919. Original Reference: Papilio argiolus Linnaeus,1758, Syst. Nat. (Edn.10) 1: 483. Type : Europa (Linnaeu coll. London) [gen.vern.]. Provincial Distribution in Turkey: 01 02 03 05 06 07 08 09 10 11 12 13 14 15 16 17 18 20 21 22 23 24 25 27 28 29 30 31 32 33 34 35 36 37 38 39 41 42 43 45 46 47 48 49 50 51 52 53 54 56 59 60 61 62 65 66 67 69 73 75 76 81. Foodplants of Larva: Malus sieversii, Cuscuta engelmannii (Zhdanko, 1997); Rubus fruticosus, R.idaeus, R.discolore, Filipendula ulmaria, Discolores, Pyracantha coccinea, Ulex europaeus, Genista tinctoria, Spartium junceum, Dorycnium pentaphyllum, Medicago sativa sv
- 48. *Cigaritis acamas* (Klug,1834) <u>Synonym:</u> *acamas* Klug,1834. *Lycaena acamas* Klug,1834, [in] Ehrenberg, Symb. Phys. Ins. 4: pl.40 figs. 7-9. Lectotype <sup>♀</sup>: Syria, designated by Olivier & Nekrutenko,2000. <u>Provincial Distribution in Turkey</u>: 01 12 21 23 24 27 30 31 33 46 47 62 63 73.
- 49. *Cigaritis uighurica* Kemal & Koçak,2005 Synonyms: *maxima* Staudinger,1901 nec Elw.,1892; *uighurica* Kemal & Koçak,2005. <u>Original Reference</u>: *Cigaritis uighurica* Kemal & Koçak,2005, Priamus 11 (2/3). footnote. Holotype  $^{\circ}$ : Turkey: Malatya Province: Malatya, 1100m 1972, A. Ö. Koçak leg. (Cesa). <u>Provincial Distribution in Turkey</u>: 01 13 23 24 27 30 44 46 47 56 65 73.
- 50. Glaucopsyche (s.str.) alexis (Poda,1761) Synonyms: alexis Poda,1761; damaetas [Denis & Schiffermüller,1775; #sublugens Strand,1909; #insulicola Turati & Fiori,1930; mironi Coutsis,1976. Original Reference: Papilio alexis Poda,1761, Insecta Musei Graecensis...:77. Type(s): [Austria]: Steiermark. Provincial Distribution in Turkey: 01 02 03 04 05 06 07 08 09 11 12 13 14 15 16 17 18 19 20 21 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 41 42 43 44 45 46 47 48 49 50 51 52 58 60 61 62 65 66 68 69 70 71 73 74 76 80. Foodplants of Larva: Onobrychis radiata (Weidenhoffer & Vanek,1977); Astragalus onobrychis, A. glycyphyllos, Galega officinalis, Vicia, Coronilla varia, Calycotome villosa, Spartium junceum, Medicago, Melilotus alba, Onobrychis, Cytisus, Colutea arborascens etc.
- 51. *Heodes (Loweia) tityrus* (Poda,1761) Synonyms: tityrus Poda,1761; acrion [Brünnich],1763; orientalis Staudinger,1881; argentifex Balint,1990. Original Reference: Papilio tityrus Poda,1761, Insecta Musei Graecensis: 77. Type(s): [Austria]: Graz. Provincial Distribution in Turkey: 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79. Foodplants of Larva: Rumex acetosa, R. scutatus (Tolman, 1997).
- 52. Lampides boeticus (Linnaeus,1767) Synonyms: boeticus Linnaeus,1767; bagus Distant,1886. Original Reference: Papilio boeticus Linnaeus,1767, Syst. Nat. (Edn.12) 1(2): 789. Type(s): Barbaria [Algeria]. Provincial Distribution in Turkey: 01 02 03 04 05 06 07 08 09 12 13 14 15 16 17 20 21 23 24 25 26 27 29 30 31 32 33 34 35 36 37 40 42 44 45 46 47 48 49 50 51 52 53 56 58 60 62 63 64 65 70 71 72 73 76. Foodplants of Larva: Alhagi, Colutea persica, C. paulsenii, C. cilicica; Cassia didymobothrya, Pisum sativum, Chamaecytisus palmensis, Helianthemum helianthemoides, Phaseolus vulgaris, Cercis siliquastrum, Robinia pseudacacia (Zhdanko,1997; Tolman,1997).
- 53. Lycaena (s.str.) phlaeas (Linnaeus,1761) Synonyms: phlaeas Linnaeus,1761; virgaureae Fourcroy,1785 nec Linnaeus,1758; eleus Fabricius,1798; aestivus Zeller,1850; schmidtii Gerhard,1853. Original Reference: Papilio phlaeas Linnaeus,1761, Fauna Suecica (2): 285. Type(s): Sweden, Westermannia. Provincial Distribution in Turkey: 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 41 42 44 45 46 47 48 49 50 51 52 53 54 55 56 58 59 60 61 62 63 65 66 68 69 71 72 73 74 76 81. Foodplants of Larva: Rumex acetosella, R. acetosa, R. hydrolapathum, R. scutatus, R. thyrsoideus, R. papilio, R. vesicarius, R. tingitanus, R. maderensis, Polygonum aviculare (Tolman, 1997; Zhdanko, 1997).
- 54. *Plebejus (Kretania) carmon* (Gerhard,[1851]) Synonyms: carmon Gerhard,[1851, November]; eurypilus Freyer,[1851,December]. Original Reference: Lycaena carmon Gerhard,[1851], Versuch Monogr. eur. Schmett. (7):15,nr.58, pl.25 figs.1a-c. Syntypes: Türkei [=Amasya]. Provincial Distribution in Turkey: 01 02 03 04 05 06 07 08 12 13 14 16 18 19 21 23 24 25 26 27 28 29 30 31 32 33 35 36 38 42 44 46 47 48 49 50 51 56 58 60 62 63 64 65 66 69 70 71 72 73 74 76. Foodplants of Larva: Astragalus (Astracantha) rumelica, A. gummifera (Tolman,1997).
- 55. *Plebejus (Plebejides) modicus* Verity,1935 <u>Synonyms:</u> *modicus* Verity,1935; *microsephyrus* Verity,1935. <u>Original Reference:</u> *Plebeius sephyrus race modica* Verity,1935, Bull. Soc. ent. Fr. 40: 245. Syntypes: [Turquie]: Ak-Chehir.

- <u>Provincial Distribution in Turkey:</u> 01 02 03 04 05 06 07 08 12 13 14 16 17 18 19 21 23 24 25 26 27 28 29 30 32 33 34 35 36 37 38 42 44 46 47 48 49 50 51 52 53 56 58 59 60 62 65 66 68 69 70 71 72 73 75 76.
- 56. *Polyommatus (Albulina (Plebejidea)) loewii* (Zeller,1847) Synonyms: loewii Zeller,1847; empyrea Gerhard,[1851]; gigas Staudinger,1871; #robusta Turati & Fiori,1930; germaniciae Pfeiffer,1932; dzhegamati Sheljuzhko,1934. Original Reference: Lycaena loewii Zeller,1847, Isis 1847: 9-10. Syntypes 午: [Türkei]: Makri [Fethiye]. Provincial Distribution in Turkey: 01 02 03 04 05 06 07 08 12 13 14 15 18 21 24 25 26 27 29 30 32 33 36 37 38 40 42 43 44 46 47 48 49 50 51 53 56 58 60 62 63 65 66 69 70 71 72 73 75 76 80. Foodplants of Larva: Astragalus spinosus, A. sieberi (Tolman,1997).
- 57. Polyommatus (Aricia (s.str.)) agestis ([Denis & Schiffermüller],1775) Synonyms: medon Hufnagel,1766 nec Linn.,1763; alexis Rottemburg,1775 nec Poda,1761; agestis [Denis & Schiffermüller],1775; astrarche Bergsträßer,[1779]. Original Reference: Papilio agestis [Denis & Schiffermüller],1775, Ankündung syst. Werkes Schmett, Wienergegend: 184. Type(s): [Austria]: Vienna district. Provincial Distribution in Turkey: 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 29 30 31 32 33 34 35 36 37 38 39 40 41 42 44 45 46 47 48 49 50 51 54 55 56 58 60 61 62 63 65 66 68 69 70 71 72 73 75 76 81. Foodplants of Larva: Helianthemum nummularium, Erodium cicutarium, E. ciconium, Geranium tuberosum, G. asphodeloides, G. sanguineum (Tolman, 1997); Geranium collinum, G. divaricatum (Zhdanko, 1997)
- 58. *Polyommatus (s.str. (Agrodiaetus (Antidolus))) dama* (Staudinger,[1892]) Synonym: *dama* Staudinger,[1892]. Original Reference: Lycaena dama Staudinger, [1892], Dt. ent. Z., Iris 4: 234. Lectotype  $\hat{\bigcirc}$ : [Turkey, Malatya Prov.]: Malatya, [late July] 1884 leg. Manisadjian (MNHU), designated by Olivier et al.,1999, Nota lepid. 22 (3): 202,204 figs. 2,3. Provincial Distribution in Turkey: 01 02 44 46 47.
- 59. *Polyommatus (s.str. (Plebicula)) amandus* (Schneider,1792) Synonym: icarius Esper,1789 nec Rottemburg,1775; amandus Schneider,1792. Original Reference: Papilio amandus Schneider,1792, Neuestes Mag. 4:428. Type(s): Sweden. Provincial Distribution in Turkey: 01 02 03 04 05 06 07 08 10 13 14 16 17 18 19 21 23 24 25 27 28 29 30 31 32 33 34 36 38 42 44 46 47 48 49 50 51 52 53 56 58 60 62 65 66 69 70 71 73 74 76 80. Foodplants of Larva: Vicia cracca, V. villosa, V. onobrychoides, V. terasperma, V. incana, V. sibthorpii, V. cassubica (Tolman, 1997); Vicia kokandica, V. costata, Medicago romanica (Zhdanko, 1997).
- 60. *Polyommatus (s.str. (Sublysandra)) cornelius* (Freyer,[1850]) Synonyms: cornelius Freyer,[1850]; cornelius Gerhard,[1851]; candalus Herrich-Schäffer,[1851]; zuleikae Pfeiffer,1932; eberti Koçak,1979; subtilis Pages & Charmeux,1992. Original Reference: Lycaena cornelia Freyer,[1850], Neuere Beitr. Schmett. 6: 145, Taf. 572, fig.1. Type(s): Türkei, Amasia. Provincial Distribution in Turkey: 01 02 03 05 06 07 11 14 15 16 18 19 20 24 25 26 27 29 30 31 32 33 37 38 42 43 44 47 50 51 55 56 58 60 62 63 64 66 70 71 73.
- 61. *Polyommatus (s.str.) icarus* (Rottemburg,1775) Synonyms: argus Poda,1761 nec Linn.,1758; alexis Scopoli,1763 nec Pda,1761; thetis Esper,1777 nec Dru.,1773; icarus Rottemburg,1775; pampholyge Bergsträßer,1779; candybus Bergsträßer,1779; candiope Bergsträßer,1779; candaon Bergsträßer,1779. Original Reference: Papilio icarus Rottemburg,1775, Naturforscher 6: 21. Type(s): Saxonia. Provincial Distribution in Turkey: 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 75 76 81. Foodplants of Larva: Galega, Ononis, Lotus corniculatus, L. lancerottensis, Medicago lupulina, Trifolium, Melilotus, Genista, Astragalus, Astracantha, Onobrychis, Anthyllis, Coronilla (Tolman, 1997); Medicago romanica, Trifolium repens (Zhdanko, 1997).
- 62. Pseudophilotes vicrama (Moore,1865) Synonym: vicrama Moore,1865. Original Reference: Polyommatus vicrama Moore,1865, Proc. zool. Soc. London 35: 505, pl.31, fig.6. Syntypes: Tibet: Shipkee; [India]: Middle Kunawur: Cheeni. Provincial Distribution in Turkey: 01 03 04 05 06 07 08 11 12 13 14 15 16 17 18 19 21 23 24 25 26 27 28 29 30 31 32 33 34 35 36 38 42 43 44 45 46 47 48 49 50 51 58 60 62 63 64 65 66 67 68 69 70 71 73 74 76. Foodplants of Larva: Thymus serpyllum (Kumakov & Korshunov, 1979); Thymus longicaulis chaubardii, T. glabrescens, T. (?) comptus, T. ocheus, T. striatus / atticus, Satureja montana, S. thymbra (Tolman, 1997); Thymus marschallianus (Zhdanko, 1997).
- 63. *Rubrapterus bavius* (Eversmann,1832) Synonym: bavius Eversmann,1832. Original Reference: Lycaena bavius Eversmann,1832, Nouv. Mém. Soc. imp. Nat. Moscou 2: 349-350. figs.3,4. Syntypes: [Russia]: Baschkiriae. Provincial Distribution in Turkey: 01 05 06 07 08 09 13 14 16 17 21 23 24 27 28 30 31 32 33 34 38 41 42 44 46 47 48 51 58 60 62 63 65 69 70 71 73 80. Foodplants of Larva: Salvia nutans, S. officinalis, S. verbenaca (Tolman,1997).
- 64. Satyrium (Nordmannia) abdominalis (Gerhard,[1850]) Synonyms: abdominalis Gerhard,[1850]; gerhardi Staudinger,[1895]; alboabdominalis Pfeiffer,1938; persica Riley,1939; #gerhardti Wiltshire,1943; elta Higgins,1964.

  Original Reference: Thecla abdominalis Gerhard,[1850], Versuch Monogr. eur. Schmett.: 4, Pl.4 figs.3a-c. Syntypes: [Aserbaidjan]: Elisabethpol [=Kirovabad]. Provincial Distribution in Turkey: 02 05 06 07 08 12 13 17 18 19 21 23 24 25 27 29 30 31 32 33 35 36 38 42 44 46 47 49 50 51 52 58 60 62 63 65 66 69 70 71 72 73 76 80. Foodplants of Larva: Prunus, Amygdalus, Crataegus, Eleagnus, Lonicera persica (Wiltshire,1943).
- 65. Satyrium (Nordmannia) marcidum (Riley,1921) Synonym: marcidum Riley,1921. Original Reference: Strymon marcidus Riley,1921, Ann. Mag. nat. Hist. 8: 600. Type +: Iran: Kermanshah, Harir, Karind Gorge (in BMHN). Provincial Distribution in Turkey: 30 47 56 65 73. Foodplants of Larva: probably Prunus tenella (Rosaceae) (Hesselbarth et al.,1995).
- 66. Satyrium (Nordmannia) zabni Oorschot & Brink,1991 Synonym: #zabni Higgins,1964; zabni Oorschot & Brink,1991.

  Original Reference: Satyrium ilicis ssp. zabni Oorschot & Brink,1991, Ent. Ber., Amst. 51 (3): 38-43, 5 figs. Holotype 5: Turkey: Hakkari prov., 35-40km. E. Uludere, 1200-1300m. (ITZA). Provincial Distribution in Turkey: 02 13 21 23 27 30 31 44 46 47 49 56 62 65 72 73.
- 67. *Thersamonia (s.str.) asabinus* (Gerhard,[1850]) Synonyms: #helius Herrich-Schäffer,[1851]; asabinus Herrich-Schäffer,[1852]. Original Reference: Polyommatus asabinus Gerhard,[1850], Versuch Monogr. eur. Schmett.: 3: 7, Taf.9 figs.3a-c. Type(s): [Türkei]: Amasya. Provincial Distribution in Turkey: 01 03 04 05 07 08 12 13 21 23 24 25 30 32 33 36 42 44 46 47 50 51 52 58 62 65 70 73.
- 68. *Thersamonia (s.str.) kefersteinii* (Gerhard,[1850]) <u>Synonyms:</u> *kefersteinii* Gerhard,[1850]; *phaeton* Freyer,[1850]; *#ochimus* Herrich-Schäffer,[1851]; *ochimus* Herrich-Schäffer,[1852]. <u>Original Reference:</u> *Polyommatus kefersteinii* Gerhard,[1850], Versuch Monogr. eur. Schmett.: 7, pl.9 figs.4a-c. Syntypes: Türkei [=Amasya]. <u>Provincial Distribution in</u>

- <u>Turkey</u>: 01 02 04 05 06 07 08 11 12 13 14 21 23 24 25 29 30 32 33 35 36 38 42 43 44 46 47 50 51 58 60 62 63 65 66 68 69 70 71 73 76. <u>Foodplants of Larva</u>: *Achantholimon* (Schurian & Fiedler,1996).
- 69. *Tomares (nogelii) nesimachus* (Oberthür,1893) Synonym: nesimachus Oberthür,1893. Original Reference: *Thestor nesimachus* Oberthür,1893, Etud. Ent. 18: 14,pl.2, fig.30. Syntypes: [Turquie]: [Hatay]: Akbes. Provincial Distribution in Turkey: 06 07 11 18 19 23 24 27 29 31 32 33 38 42 44 46 47 48 51 58 60 62 63 66 68 70.
- 70. *Tomares callimachus* (Eversmann,1848) Synonym: callimachus Eversmann,1848. Original Reference: Lycaena callimachus Eversmann,1848, Bull. Soc. Nat. Moscou 21: 208. Provincial Distribution in Turkey: 13 30 36 44 46 47 63 65 73 76. Foodplants of Larva: *Onobrychis radiata* (Weidenhoffer & Vanek,1977); *Astragalus macropterus* (Zhdanko, 1997).
- 71. *Tomares romanovi* (Christoph,1882) Synonym: romanovi Christoph,1882. Original Reference: Thestor romanovi Christoph,1882, Horae Soc. ent. ross. 17 (1/2): 106. Lectotype  $\hat{\bigcirc}$ : [Azerbaidjan]: Nachitschewan: Ordubad (designated by Nekrutenko,1995 [in] Hesselbarth et al., 1995: 506 (ZIMP). Provincial Distribution in Turkey: 04 12 13 23 30 36 47 62 65 73 76. Foodplants of Larva: Astragalus finitimus, Onobrychis radiata (Weidenhoffer & Vanek,1977); Astragalus schahrudensis (Zhdanko,1997).
- 72. *Turanana endymion* (Freyer,[1850]) Synonym: endymion Freyer,[1850]. Original Reference: Lycaena endymion Freyer,[1850], Neuere Beitr. 6: 145, Taf. 572 figs. 2,3. Syntypes: Türkei: Amasia. Provincial Distribution in Turkey: 01 02 03 04 05 06 07 08 13 14 15 21 23 24 25 26 29 30 31 32 33 35 36 38 42 44 46 47 50 51 52 58 60 62 65 66 69 70 71 73 76. Foodplant of Larva: Acantholimon adrosaceum (Tolman,1997).

#### HESPERIOIDEA HESPERIIDAE

- 73. Carcharodus (Reverdinus) orientalis Reverdin,1913 Synonyms: orientalis Reverdin,1913; centralanatolica Pfeiffer,1927; aestatis Verity,1928; postorientalis Verity,1928; maccabaeus Hemming,1932. Original Reference: Carcharodus orientalis Reverdin,1913, Bull. Soc. lépid. Genevè 2 (4): 232, Pl.21 fig.14; Pl.22 figs.1,8. Syntypes: Greece: Peloponnes (MHNG). Provincial Distribution in Turkey: 01 03 05 06 07 08 13 14 16 17 18 19 20 21 23 24 25 27 29 30 31 32 33 34 35 36 38 42 43 44 46 47 48 49 50 51 56 58 60 62 65 66 69 70 73 74 76. Foodplants of Larva: Stachys sp. (Tolman,1997).
- 74. *Carcharodus (s.str.) alceae* (Esper,[1780]) Synonyms: alceae Esper,[1780]; malvae Hufnagel,1766 nec Linn.,1758; malvarum Hoffmannsegg,1804; magnaustralis Verity,1924; corsicus Picard,1948. Original Reference: Papilio alceae Esper,[1780], Die Schmett. 1(2): 4, pl.51, fig.1. Type(s): Süddeutschland: Erlangen. Provincial Distribution in Turkey: 01 03 04 05 06 07 08 09 10 12 13 15 16 17 20 21 23 24 25 26 27 29 30 31 32 33 34 35 36 38 41 42 43 44 45 46 47 48 49 50 51 53 56 58 60 62 63 65 66 67 70 71 72 73 74 76. Foodplants of Larva: Arbutilon teophrasti, Chrozophora hierosolymitana (Stshetkin, 1960); Malva alceae (Kumakov & Korshunov, 1979); Althaea officinalis (Anikin et al., 1993).
- 75. *Muschampia nomas* (Lederer,1855) Synonym: *nomas* Lederer,1855. Original Reference: *Hesperia nomas* Lederer,1855, Verh. zool.- bot. Ver. Wien 5: 193, Taf.1 fig.7. Syntypes: [Lebanon]: Beirut, am Hundfluße (ZMHB). Provincial Distribution in Turkey: 01 03 05 06 07 12 13 21 23 27 31 32 33 38 42 44 46 47 49 50 51 58 60 62 63 70 73.
- 76. *Muschampia poggei* (Lederer,1858) Synonym: poggei Lederer,1858. Original Reference: Hesperia poggei Lederer,1858, Wien. ent. Monatschr. 2: 141. Syntypes 🚝: Syrien: "auf den Bergen um Damask". Provincial Distribution in Turkey: 01 07 12 13 21 23 24 25 27 30 33 42 44 46 47 49 56 58 62 63 65 70
- 77. Pyrgus serratulae (Rambur,[1839]) Synonyms: serratulae Rambur,[1839]; caecus Freyer,1846; occidentalis Lucas,1910 nec Skinn.,1906; planorum Verity,1925; magnagallica Verity,1931; plurisignata Silbernagel,1946; arvernensis Picard,1948. Original Reference: Hesperia serratulae Rambur,[1839], Faune ent. Andalousie 2 (4): 318, Pl.8, figs.9,m. Type(s): Andalousie (BMNH). Provincial Distribution in Turkey: 01 03 04 05 06 07 08 12 13 14 17 18 23 24 25 27 28 29 30 31 32 33 34 36 37 38 42 46 47 48 49 50 51 52 53 54 58 60 61 62 65 66 69 70 71 73 74 76. Foodplants of Larva: Potentilla tabernaemontani, P. reptans, P. recta, P. pedata, P. nevadensis (Tolman,1997).
- 78. *Spialia (Neospialia) orbifer* (Hübner,[1823]) Synonyms: *orbifer* Hübner,[1823]; *tesselloides* Herrich-Schäffer,[1845]. Original Reference: *Papilio orbifer* Hübner,[1823], Samml. eur. Schmett. 1: pl.161 figs. 803-806. Syntypes: Europa. Provincial Distribution in Turkey: 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 23 24 25 27 28 29 30 31 32 33 34 35 36 37 38 39 40 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 58 59 60 61 62 63 64 65 66 68 69 70 71 72 73 74 75 76 77 80. Foodplants of Larva: *Sanguisorba minor, Potentilla* sp. (Lorkovic,1973; Anikin et al., 1993).
- 79. *Thymelicus lineolus* (Ochsenheimer,1808) Synonyms: lineolus Ochsenheimer,1808; virgula Hübner,1813 nec Retz.,1783; ludoviciae Mabille,1883; pallida Tutt,1896; clara Tutt,1905; hemmingi Romei,1927; melissus Zerny,1932; fornax Hemming,1934. Original Reference: Papilio lineola Ochsenheimer,1808, Schmett. Eur. 1(2):230-231. Type(s): Germania. Provincial Distribution in Turkey: 01 02 03 04 05 06 07 08 10 12 13 14 15 16 18 19 20 21 22 23 24 25 26 27 29 30 31 32 33 34 36 38 39 40 42 43 44 46 47 48 49 50 51 56 58 60 62 63 65 66 69 70 71 73 74 75 76 80. Foodplants of Larva: Phleum pratense, Holcus mollis, Calamagrostis epigejos, Dactylis glomerata, Agrostis capillaris, Brachypodium pinnatum, B. sylvaticum, Arrhenatherum elatius, Triticum aestivum, Alopecurus pratensis, Carex acutiformis, Lolium perenne, etc.
- 80. *Thymelicus novus* (Reverdin,1916) <u>Synonym: novus</u> Reverdin,1916. <u>Original Reference:</u> *Adopea nova* Reverdin,1916, Bull. Soc. lépid. genevè 3 (3): 125, Pl.7 fig.1N. Syntypes  $\Diamond \Diamond$ : [Turquie]: Amasya (MHNG). <u>Provincial Distribution in Turkey</u>: 04 05 13 21 23 25 30 46 47 56 62 65 73.
- 81. *Thymelicus sylvestris* (Poda,1761) Synonyms: sylvestris Poda,1761; flava Brünnich,1763; linea Müller,1764; thaumas Hufnagel,1766; divaricatus Fourcroy,1785; venula Hübner,[1813]; obscura Verity,1905. Original Reference: Papilio sylvestris Poda,1761, Insecta Musei Graecensis: 79. Type(s): [Austria]: Graz. Provincial Distribution in Turkey: 01 02 03 04 05 06 07 08 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 42 43 44 45 46 47 48 49 50 51 56 58 60 61 62 63 64 65 66 67 69 70 71 72 73 74 76 81. Foodplants of Larva: Brachypodium sylvaticum, Holcus lanatus, H. mollis, Phleum pratense (Tolman,1997).

**Contents** / **İçindekiler:** Kemal, M. & A.Ö.Koçak, List of the butterflies of Mardin Province (South East Turkey) (Lepidoptera, Papilionoidea, Hesperioidea), p.1-. Editorial, p..8.

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